



County of San Diego
Planning & Development Services
BUILDING DIVISION

ACCESSIBILITY CORRECTION LIST

Multifamily Housing

7A

Stairways

PLAN CHECK #:

OWNER ON APPLICATION:

STAIRWAYS

1. Provide dimensions and coordinated detailing for each stairway.
CBC 1115A and CBC 1123A
2. Detail stair treads and risers complying with the following:
 - ☐ Minimum 11-inch tread width
Exception: Minimum 10-inch width within dwelling units
 - ☐ Minimum 4-inch and maximum 7-inch riser height
Exception: Maximum 7¾-inch height within dwelling units
 - ☐ Uniform tread width and riser height on each stairway flight
 - ☐ Open risers prohibited
Exception: Stairways within an individual dwelling unit
Exception: On exterior stairways, maximum ½-inch opening allowed between base of riser and tread
Exception: On exterior stairways, risers constructed of grating allowed with maximum ½-inch openings
CBC 1009.4.2, CBC 1009.4.4, CBC 1115A.2, and CBC 1123A.2
3. Detail risers and treads complying with the following:
 - ☐ Treads with smooth, rounded, or chamfered exposed edges
 - ☐ Maximum 9/16-inch radius and beveling at tread edges
 - ☐ Nosings projecting maximum 1¼ inches past face of riser below
 - ☐ Risers sloped or underside of nosings at angle not more than 30 degrees from vertical per CBC Figure 11B-6A(a)
 - ☐ Uniform nosings on each stairway flight
CBC 1009.4.4, CBC 1009.4.5, and CBC 1133B.4.5
4. Detail contrasting stair striping complying with the following per CBC Figure 11A-6A(b):
 - ☐ At upper approach and lowest tread of interior stairs
 - ☐ At upper approach and all treads of exterior stairs
 - ☐ Extending full width of approaches and treads
 - ☐ Minimum 2-inches and maximum 4-inches wide
 - ☐ Placed parallel to and within 1 inch of nosing edges of approaches and treads
CBC 1115A.5 and CBC 1123A.5
5. Specify slip-resistant tread surface and striping material.
CBC 1115A.3, CBC 1115A.5, CBC 1123A.3, CBC 1123A.5
6. At stairway flights or landings with an adjacent vertical drop exceeding 30 inches, detail continuous guard minimum 42-inches high with openings not allowing passage of 4-inch-diameter sphere.
Exception: Minimum 34-inches high at open side of stairs within individual dwelling units
Exception: Openings not allowing passage of 4 3/8-inch-diameter sphere allowed in portions of guard 36 inches to 42 inches high
Exception: Triangular openings not allowing passage of 6-inch-diameter sphere allowed between riser, tread, and bottom rail
CBC 1013.2 and CBC 1013.3
7. Where pedestrian ways adjoin areas beneath stairs with less than 80-inch vertical clearance, detail cane-detectable barrier maximum 27 inches above walking surface.
CBC 1116A.2

HANDRAILS AND EXTENSIONS

8. Provide handrail at each side of each stairway flight.
Exception: Handrail acceptable on only one side of stairs serving an individual dwelling unit provided stairs open on any side include handrail on that side
CBC 1115A.6.1 and CBC 1123A.6.1
9. Position any intermediate handrails equidistant from each side of stairway and with required egress width within 30 inches of handrail.
CBC 1012.9, CBC 1115A.6.1, and CBC 1123A.6.1
10. Detail handrails complying with the following:
 - ☐ Top of gripping surface minimum 34 inches and maximum 38 inches above tread nosings
 - ☐ Continuous full length of each stairway flight and without interruption by newel posts or other obstructions
Exception: Handrails within dwelling units may be interrupted by a newel post at a turn or landing
CBC 1012.4, CBC 1133B.4.1, and CBC 1133.4.2
11. Detail extensions for each handrail complying with the following:
 - ☐ Horizontal extension at top of stairway minimum 12 inches beyond top nosing per CBC Figure 11A-6A(b)
 - ☐ Stair-slope extension at bottom of stairway for width of one tread beyond bottom riser plus horizontal extension minimum 12 inches per CBC Figure 11A-6A(b)
Exception: Inner handrails at dogleg or switchback stairways shall be continuous per CBC Figure 11A-6E and shall not extend into landings
 - ☐ Extending in same direction as stair flight
 - ☐ Returning smoothly to newel post or safety terminal
Exception: Stairways within an individual dwelling unit
CBC 1012.6, CBC 1115A.6.2.3, and CBC 1123A.6.2.3
12. Detail handrail gripping surfaces complying with the following per CBC Figure 11A-6B:
 - ☐ Minimum 1¼ inches and maximum 2 inches in cross-sectional dimension or shape providing equivalent gripping surface
 - ☐ Smooth with no sharp corners
 - ☐ Edges with minimum 1/8-inch radius
 - ☐ No handrail rotation within fittings
CBC 1115A.6.2.5 and CBC 1122A.6.2.5
13. For handrails projecting from walls, detail 1½-inch (absolute) space between wall and handrail per CBC Figure 11B-6B.
CBC 1115A.6.2.4 and CBC 1122A.5.2.4
14. For handrails located in recesses, detail recess complying with the following per CBC Figure 11A-6B:
 - ☐ Maximum 3-inches deep
 - ☐ Extending minimum 18 inches above top of handrail
CBC 1115A.6.2.4 and CBC 1123A.5.2.4
15. Specify surface material of any walls or other surface adjacent to handrails shall be free of sharp or abrasive elements
CBC 1114A.6.2.4 and CBC 1122A.5.2.4

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PROVIDE COMPLETE DETAILS, DIMENSIONS, AND NOTES TO SATISFY CORRECTION ITEMS.**

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SIGNAGE

16. Identify on plans location of each stair-related sign and coordinate with signage schedule and/or details indicating the following:

- ☐ Sign dimensions
- ☐ Character and symbol dimensions
- ☐ Character, symbol, and background colors
- ☐ Braille dimensions
- ☐ Dimension of vertical clearance above floor or ground
- ☐ Dimension of any horizontal projection from wall

CBC 1143A.1

17. Provide floor-designation signs complying with the following in each enclosed stairway:

- ☐ Located at landing at each floor level
- ☐ Centerline mounted 60 inches (absolute) above floor
- ☐ Placed adjacent to door on latch side
- ☐ Positioned so person may approach within 3 inches of sign without encountering protruding objects or door swing
- ☐ Visual characters designating floor level per item 18
- ☐ Raised characters/ symbols designating floor level per item 19
- ☐ Corresponding Braille per item 20 provided beneath raised characters and symbols

CBC 1022.8, CBC 1143A.2

18. Visual characters on signage shall comply with the following:

- ☐ Characters, symbols, and background with non-glare finish
- ☐ Colors of characters and symbols contrasting with background, either light on dark background or dark on light background
- ☐ Character width-to-height ratio between 3:5 and 1:1 and stroke width-to-height ratio between 1:5 and 1:10
- ☐ Characters sized according to intended viewing distance

CBC 1143A.5, CBC 1143A.6, and CBC 1143A.7

19. Raised characters on signage shall comply with the following:

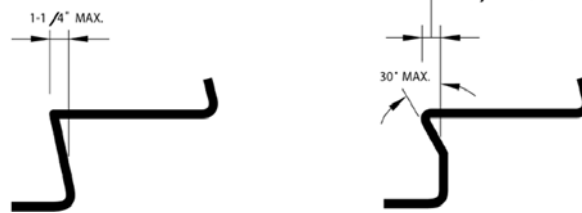
- ☐ Characters minimum 5/8-inch and maximum 2-inches high
- ☐ Characters raised minimum 1/32 inch
- ☐ Characters sans serif and uppercase
- ☐ Characters in horizontal format
- ☐ Pictorial symbols minimum 6-inches high
- ☐ Text description directly below pictorial symbols

CBC 1143A.8

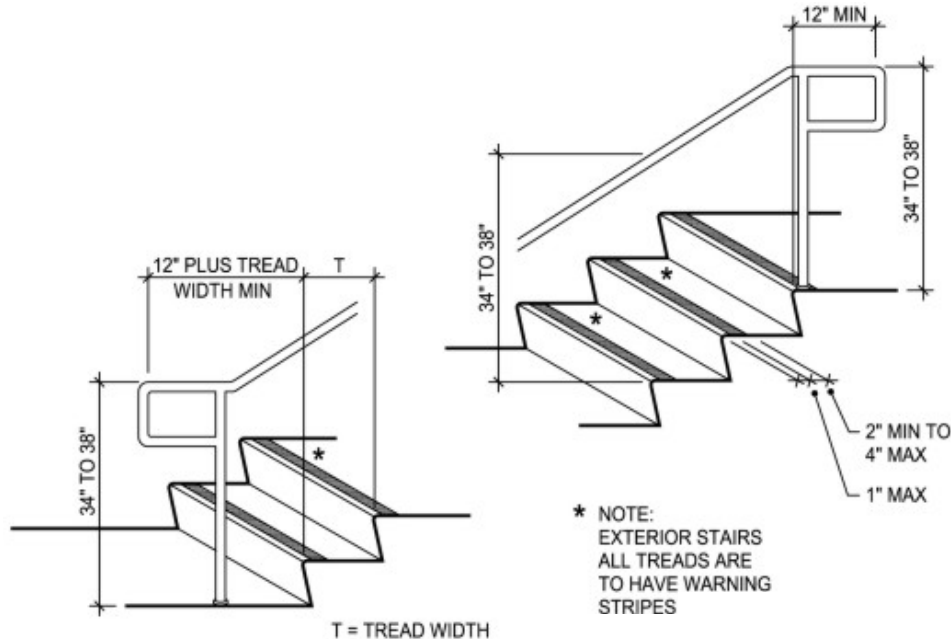
20. Braille on signage shall comply with the following:

- ☐ Dots 1/10 inch on center in each cell
- ☐ 2/10-inch spaces between cells, measured from second column of dots in first cell to first column of dots in second cell
- ☐ Dots raised minimum 1/40 inch above background
- ☐ Dots domed or rounded
- ☐ Braille flush left or centered and placed minimum 3/8 inch and maximum 1/2 inch below raised characters or symbols
- ☐ Braille in horizontal format
- ☐ When raised characters are multilined text, all Braille placed together below all raised text lines

CBC 1143A.8 and CBC 1143A.9

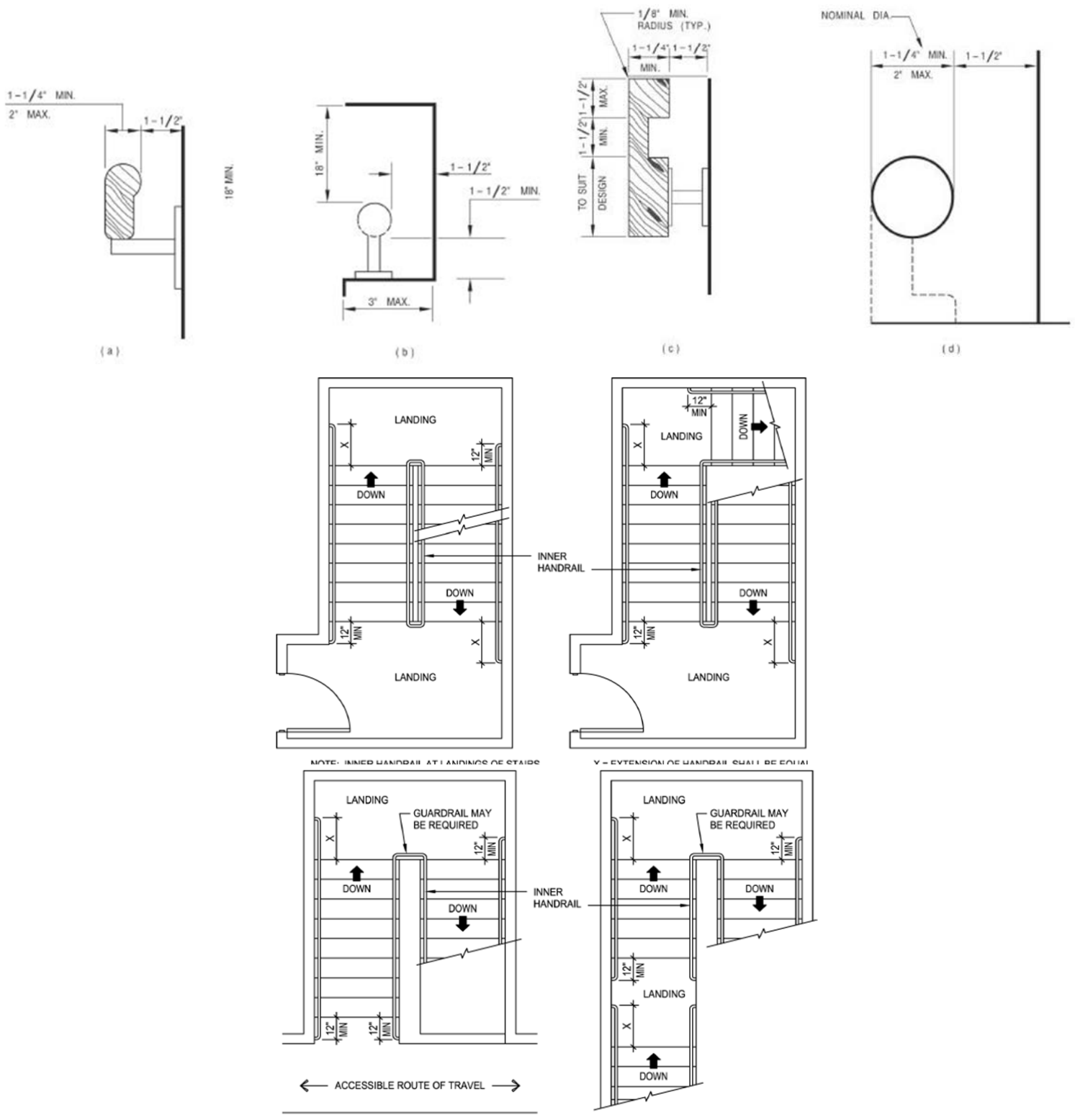


CBC FIGURE 11A-6A(a) – STAIR RISER AND NOSING CONFIGURATIONS



CBC FIGURE 11A-6A(b) – STAIR STRIPING AND HANDRAIL EXTENSIONS

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CBC FIGURE 11A-6E – HANDRAILS AND EXTENSIONS

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